

National Geospatial Advisory Committee

Education and Workforce Subcommittee

***United States Geospatial
Intelligence Foundation***

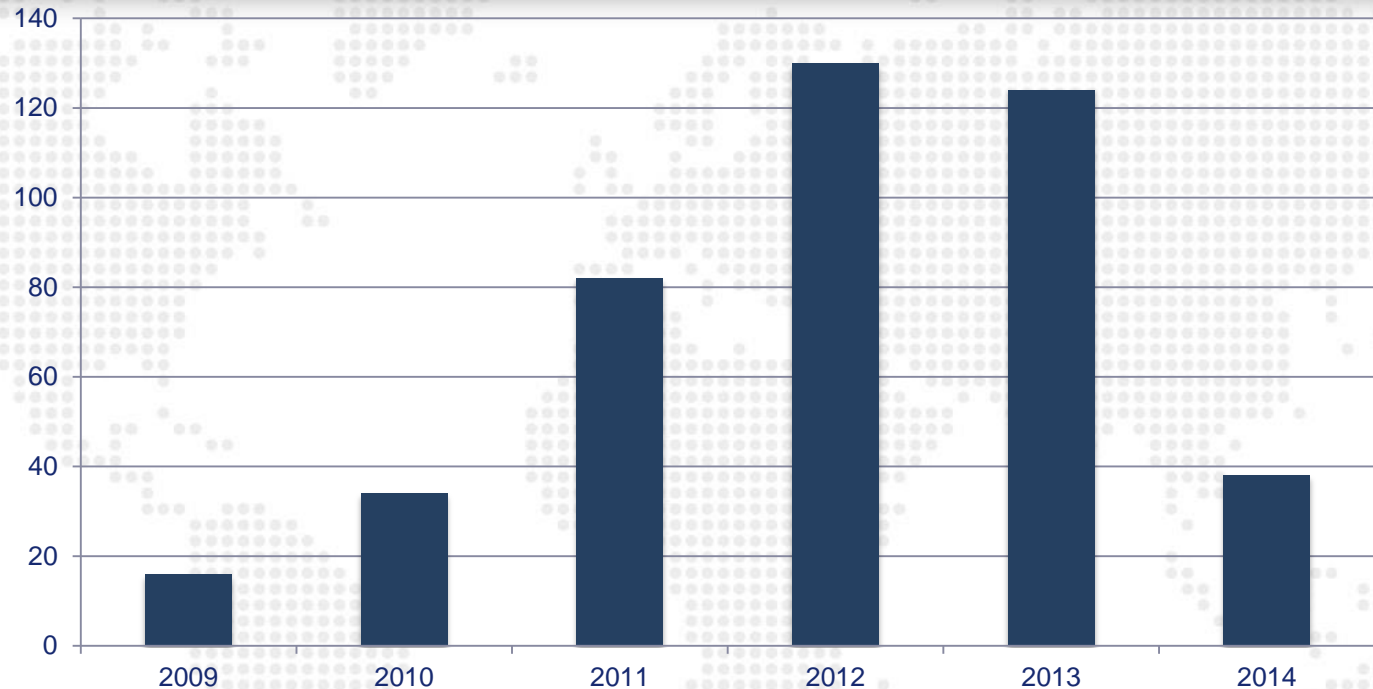
June 25, 2014

USGIF Accredited Programs

- USGIF is only organization accrediting geospatial programs
- Strong and growing interest, both in U.S. and abroad
- Accreditation Guidelines and additional information can be found at:

<http://usgif.org/education/accreditation>

Collegiate GEOINT Certificates



Year	Penn State	U. of Missouri	George Mason	UT Dallas	USAF	USMA	Total
2009	13	3					16
2010	15	5	14				34
2011	46	3	21	3	2	7	82
2012	51	18	28	5	10	18	130
2013	63	11	12	5	14	19	124
2014*	10	13	2		13		38

**2014 certificate awarding continues through end of year.*

424

USGIF Accredited Programs

- **Existing Programs**

- Pennsylvania State University (2014 accreditation renewal)
- George Mason University (2014 accreditation renewal)
- University of Missouri (2014 accreditation renewal)
- University of Redlands (2013 accreditation)
- University of Utah (2012 accreditation)
- United States Military Academy (2011 accreditation)
- United States Air Force Academy (2010 accreditation)
- University of Texas at Dallas (2009 accreditation)

- **Currently in Review**

- Northeastern University (external reviews completed, USGIF internal evaluation in progress)
- Fayetteville State University (external reviews soon to be completed)
- University of South Carolina (in early stage of external review process)

GEOINT Definition

- The most well known definition of GEOINT stems from United States Code, Title 10, section 467 (10 U.S.C. § 467), which states:

“The term “geospatial intelligence” means the exploitation and analysis of imagery and geospatial information to describe, assess, and visually depict physical features and geographically referenced activities on the earth. Geospatial intelligence consists of imagery, imagery intelligence, and geospatial information.”

NSG GEOINT Certification

- NGA is NSG functional manager
- October 2011 – Dr. Vickers sends memo to Ms. Long asking for a Certification plan within one year. This requirement is Title 10 authority.
- March 2012 – Keith Masback and Ms. Long discuss role of USGIF with respect to overall NGA GEOINT Certification program.

NSG GEOINT Certification

- April 2012- Ms. Long responds to Dr. Vickers
 - Four paragraphs:
 - Appointment of Senior Executive responsible within NGA
 - “We have partnered...” with USGIF
 - Thanks for your offer to have GSX assist
 - Senior Executive’s contact info at NGA
- April 2013 NGA Pilots PL-1
- April 28 2014 NGA applies for PL-1 accreditation

NGA-USGIF CRADA

- Active CRADA with NGA signed 22 OCT 13
- Key completed and planned activities:
 - Internet Based Testing at GEOINT 2013*
 - Made Voting member of NGA's GEOINT Certification Governance Council 07 APR 14 for the duration of the CRADA
 - Writing Industry Annex to PL-1 Candidate Handbook (early stages)

CRADA Tasks

- **Task 1: Standardize the Certification Program**
- **Task 2: Metrics for the NSG's Program and Workforce**
- **Task 3: Examine and Prototype**
- **Task 4: Overall Professional Development Program**
- **Task 5: Prototype Options and Methodology**
- **Task 6: Credential Transportability and Standardized Training across the global GEOINT Community**

USGIF Certification

- Ongoing development of Universal GEOINT EBW/EBK, separate from NGA's activities
 - Goal: Transportable, Transparent, Globally Recognized
 - Global Skills Exchange under contract
 - Workshops planned at a variety of locations – additional non-title 10 government, industry and academic participation sought
- Working cooperatively with NGA under the auspices of the CRADA to inform NGA's program
- Exploring Universal GEOINT Certification options

USGIF organized Sunday session description

- Gathering in Tampa of 14 different geospatial orgs to discuss Certification
- Held 13 April 2014
- Purpose: Establish Broad Community of Interest for Geospatial Certification and create open lines of communication

List of Participants

<u>Organization</u>	<u>Representative</u>	<u>Position Title</u>
NGAC	Bob Austin	NGAC chair
NGAC	Keith Clarke	Chair of NRC Future GEOINT Workforce report
URISA	Allen Ibaugh	President
URISA	Martin Roche	GISCI Representative
UCGIS	Diana Sinton	Executive Director
CaGIS	Eric Anderson	Executive Director
CaGIS	Kaile Bower	President
GeoTech Center	Rodney Jackson	Associate Director / Co-PI
GeoTech Center	Mike Krimmer	Assistant Director / Senior Team
GIS&T BoK	John Wilson	GIS&T BoK Coordinator
GITA/NGAC	Talbot Brooks	President/Member
NCGE	Jacqueline L. Waite	Director of Educational Affairs
ESRI	David DiBiase	Director of Education
USGS	Lynn Usery	CEGIS Director
ASCE	Dick Popp	COGO delegate

List of Participants

<u>Organization</u>	<u>Representative</u>	<u>Position Title</u>
USGIF	Max Baber	Director of Academic Programs
USGIF	Darryl Murdock	VP for Professional Development
AAG	John Wertman	Senior Program Manager for Government Relations
AAG	Julie Winkler	President
GISCI	Bill Hodge	Executive Director
GISCI	Rebecca Shumate	Vice President
ASPRS	Michael Hauck	Executive Director
ASPRS	Mike Renslow	Certification Coordinator
	Bob Polk	Facilitator
USGIF	Karen Kemp	Scribe, Academic Adv. Board Member
GSX	Dave Wilcox	President
GSX	Lance Anderson	Workforce Solutions Director

Sunday session: Next Steps

- Identify NGAC member interest
 - Additional Threads identified by NGAC members
 - Subcommittees of interest
- Next Steps for Tampa participants
 - Informal Meeting at ESRI UC (July)
 - Invite pending for USGIF GEOINT Community Week – awaiting final dates (Sep or Oct)
- Ongoing dialog with ASPRS and GISCI regarding Certification interplay and collaboration

USGIF Way Forward

- USGIF will continue building a Universal GEOINT Certification EBK/EBW.
 - We will build bridges to many possible USA and global GEOINT community members
 - We will continue to support and inform NGA's NSG Certification Program through CRADA
 - We would ask for NGAC support in our pursuit of this Universal GEOINT Certification program

Thank you

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